HIVE DESKTOP 2 USB 3.0 4-BAY MINI-RAID SYSTEM

ENTERPRISE-CLASS RAID STORAGE AT A DESKTOP SIZE AND A DESKTOP PRICE.

Creative professionals and media producers know that data storage needs become more demanding with each successive generation of hi-fi and hi-def content. With this explosion of information, capacity is generally the primary consideration. But data is useless if it can't be accessed reliably and protected securely. A bandwidth bottleneck or, even worse, disk failure can spell doom for mission-critical projects.

Introducing the HIVE 4-bay mini-RAID system. Pre-configured with enterprise-class drives and featuring an array of connectivity options, the HIVE represents the ultimate mini-RAID storage solution. Traditional mass-storage RAID devices are large and expensive, requiring climate-controlled environments and significant rack space. HIVE fits easily on any desktop and represents a complete, standalone disk array, at a fraction of the cost of traditional enterprise-class systems.

HIVE features a best-in-class, no-nonsense 2 year warranty. If your unit fails to perform for any reason, HIVE will repair or replace it onsite within 48 hours. Guaranteed. This means less downtime and more time accessing your data.

Capacity. Accessibility. Security. Economy. That's HIVE!

4TB
4x1TB drives

8TB
4x2TB drives

12TB
4x3TB drives

4TB Pro Edition
4x1TB RE drives

8TB Pro Edition
4x2TB RE drives

12TB Pro Edition
4x3TB RE drives

Preconfigured with Western Digital Green Power SATA III hard drives (standard) or Western Digital RE4 24/7 drives (PRO Edition)

Available in 4, 8, and 12GB configurations.

Lightening fast USB 3.0 connectivity providing transfer speeds of up to 5Gbit per second.

Backwards compatible with USB 2.0.

Supports Mac, Windows, and UNIX operating systems.

Installation software included.

Support for RAID levels 0, 1, 0+1 and 5

Support for automatic rebuild in RAID 1, RAID 5, RAID 5+Hot Spare, and RAID 0+1

User-configurable RAID modes. No IT expertise required.

Monitors system status via LED indicators and RAID Master software

INTERFACE

HIVE Desktop 2 USB 3.0 provides the new market standard, USB 3.0, allowing for ultra fast transfers. Full USB 2.0 support, ensuring compatibility with virtually any PC, and providing maximum bandwidth for large files.

USB 3.0 Transfer speed: up to 5Gbit/sec

DRIVE BAYS

The unique auto-limiting segmented screws prevent drive damages causedby over-tightening during installation. The SmartGuider enables trayless drive positioning, and effort-less hot-swapping.

COOLING SYSTEM

Because of the unique upright position of the drives, the high quality, silent running fan will blow air from the bottom to the top, dramatically enhancing the internal airflow and cooling efficiency of the unit. Together with vents and a rugged alu-minum case, the HIVE acts as a supremely efficient channel for heat dissipation.

STATUS INDICATORS

The onboard LED indicators keep users apprised of the RAID, connection, and individual drive status.

RAID MODES

HIVE Desktop 2 USB 3.0 offers multiple RAID options to suit your data protection requirements. While units are shipped preconfigured for RAID 5, users can easily select between the following options.

RAID 0 (Striping)
This setting allows for maximum performance as data is “striped” across the drives, utiliz- ing the full speed of the individual hard disks. However, this setting offers no redundancy, and thus little protection against data loss. This setting maximizes usable drive capacity.

RAID 1 (Mirroring)
This setting makes a real-time copy of all data as it is written to a drive. If one of the drives fails, it has an exact duplicate in the array, so data can be accessed immediately. This setting offers the lowest total usable drive capacity.

RAID 5
This setting requires at least three drives to operate. In this configuration, the data from each drive is backed up in specified portions of the other drives in the array. Should one drive fail, its contents can be rebuilt from the remaining drives. This setting offers a moderate level of usable drive capacity.

RAID 5 + 1
Similar to RAID 5, this setting requires four drives. The fourth drive (D) remains unused, should one of the other three (A,B,C) fail. In this instance, missing data will be rebuilt from the two healthy drives (e.g. A&C) to the unused drive (D), restoring access to data within a few hours. This setting offers a low level of usable drive capacity.

RAID 0 + 1
A combination of RAID 0 and 1, this configuration requires four drives. In this setting, two drives (A&B) function together as a RAID 0 array, with the other two (C&D) functioning as a RAID 1 mirror of the first pair.

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COMPLETE SPECIFICATIONS

MODEL	Hive Desktop 2 USB 3.0
CONNECTORS	USB 3.0 x 1
CHIPSET	Oxford OXUFS936QSE
HARD DISK DRIVES	Western Digital Green Power AV or Raid Edition 24/7
RAID LEVELS	RAID 0 (Striping), RAID 1 (Mirroring), RAID 5, RAID 5+HotSpare, RAID 0+1
TRANSFER SPEEDS	Up to 5Gbit/sec (USB 3.0)
SYSTEM MATERIAL	Aluminium case with plastic parts
POWER SUPPLY	Input: AC 90-264V Output: DC +12V/5A Peak current: 12A
FAN	Dimension: 80 x 80 x 10 mm x 1 Speed: 1900 R.P.M +-10% Noise: 17.13 dB(A) max
UNIT DIMENSIONS	210 (L) x 138 (W) x 213 (H) mm
WEIGHT W/O DRIVES	2.3 KGS
CERTIFICATIONS	CE, FCC, ROHS
SYSTEM REQUIREMENTS	
PC	266MHz or faster CPU (Windows Vista requires a minimum 800MHz CPU) 64MB of RAM (Windows Vista requires 512MB of RAM) Microsoft Windows 2000, XP, 2003, or Vista One available USB 2.0 or USB 3.0 port.
MACINTOSH	PowerPC or Intel Core Duo Processor 64MB of RAM (Mac OS X 10.4 requires 256MB of RAM) Mac OS X 10.2 or higher (Power PC); Or Mac OS X 10.4 (Intel Core Duo) or higher. One available USB 2.0 or USB 3.0 port.
WHAT'S IN THE BOX	1 x Hive 4-bay Desktop unit, 4 x Hard Disk Drives, 1 x PSU, 1 x USB 3.0 Cable, 1 x Carrier Bag, 1 x CD with RAID Master software, 1 x Hive USB Flash Drive, 1 x 2-year onsite warranty

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HOW TO ORDER

Hive Desktop 2 USB 3.0

STANDARD EDITION

4TB
4x1TB drives
Part no. 2DT04504S

8TB
4x2TB drives
Part no. 2DT04508S

12TB
4x3TB drives
Part no. 2DT04512S

PRO EDITION

4TB Pro Edition
4x1TB RE drives
Part no. 2DT04504P

8TB Pro Edition
4x2TB RE drives
Part no. 2DT04508P

12TB Pro Edition
4x3TB RE drives
Part no. 2DT04512P

Hive Desktop 2 Classic

STANDARD EDITION

4TB
4x1TB drives
Part no. 2DT04104S

8TB
4x2TB drives
Part no. 2DT04108S

12TB
4x3TB drives
Part no. 2DT04112S

PRO EDITION

4TB Pro Edition
4x1TB RE drives
Part no. 2DT04104P

8TB Pro Edition
4x2TB RE drives
Part no. 2DT04108P

12TB Pro Edition
4x3TB RE drives
Part no. 2DT04112P

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